



June 2008

DEPARTMENT OF EDUCATION
2007–2008 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State standards known as *Learning Results*, adopted by the Maine Legislature in 1997. These *Learning Results* established goals for what all students should know and be able to do at certain times in their school careers and are the basis for Grade Level/Span Expectations, which describe the assessment standards for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind Act*.

The 2007-2008 MEA summary reports contain the results of student achievement in reading and mathematics at all grades, science and technology at grades 4 and 8, and writing at grade 5 based on achievement standards set in 2006 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. The grade 5 writing reports provide information on a student's ability to respond to a prompt measuring narrative writing. More information about the design of the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the Maine Educational Assessment.

Sincerely,

Susan A. Gendron
Commissioner of Education



School Report Grade 6

Test Date: March 2008
Code: 10561235
SAU: Ellsworth School Department
School: Ellsworth Middle School

Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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SUMMARY OF SCORES

Test Date: March 2008

Grade: 6

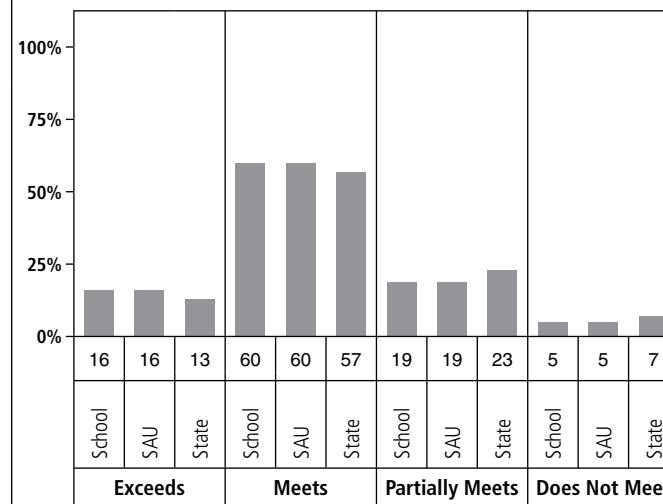
SAU: Ellsworth School Department

School: Ellsworth Middle School

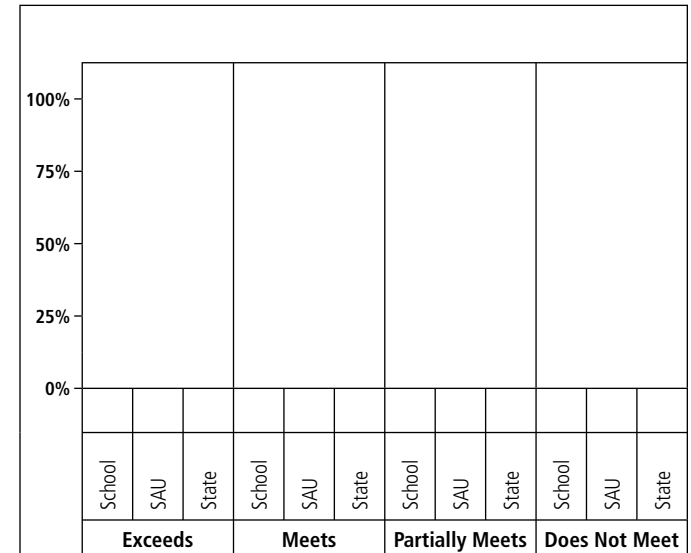
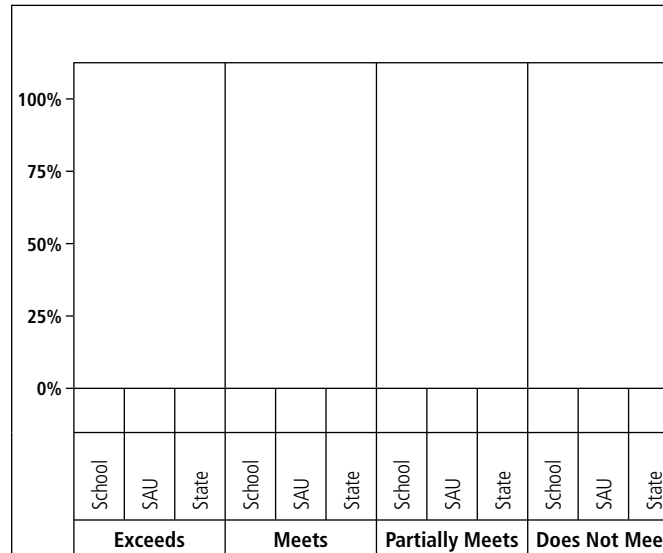
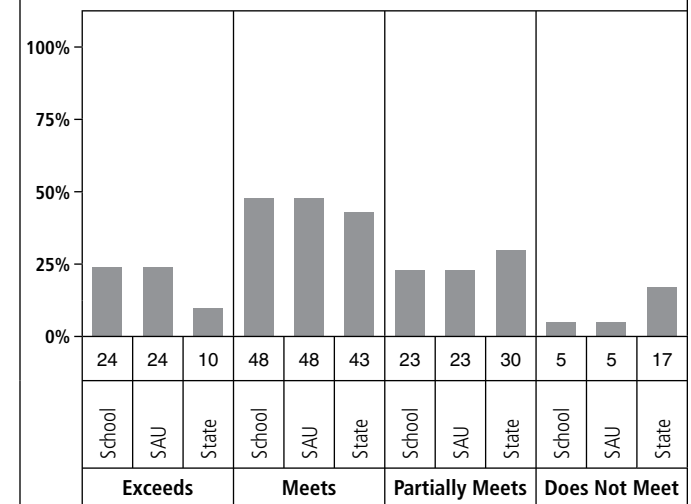
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2005–2006	643	643	644
2006–2007	647	647	646
2007–2008	650	650	648
Cum. Avg. *	647	647	646
Mathematics			
2005–2006	641	641	641
2006–2007	648	648	643
2007–2008	650	650	642
Cum. Avg. *	646	646	642

ELA – READING



MATHEMATICS



*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2008
 Grade: 6
 SAU: Ellsworth School Department
 School: Ellsworth Middle School

CATEGORY OF PARTICIPATION	Enrollment ¹ during testing window						CONTENT AREA PARTICIPATION ²																							
							ELA-Reading						Mathematics																	
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Total number of students	76	100	76	100	14365	100	75	99	76	100	14266	99	75	99	76	100	14268	99												
Ethnicity African American/Black	0	0	0	0	418	3	0	0	0	0	407	97	0	0	0	0	413	99												
American Indian or Native Alaskan	0	0	0	0	111	1	0	0	0	0	110	99	0	0	0	0	110	99												
Asian or Pacific Islander	2	3	2	3	249	2	2	100	2	100	249	100	2	100	2	100	248	100												
Hispanic	1	1	1	1	149	1	1	100	1	100	147	99	1	100	1	100	147	99												
Caucasian/White	73	96	73	96	13438	94	72	99	73	100	13353	100	72	99	73	100	13350	100												
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Identified disability	6	8	7	9	2518	18	6	100	7	100	2479	99	6	100	7	100	2479	99												
Current LEP	0	0	0	0	349	2	0	0	0	0	339	97	0	0	0	0	344	99												
Economically disadvantaged	31	41	31	41	5335	37	30	97	31	100	5277	99	30	97	31	100	5279	99												
Migrant	0	0	0	0	7	0	0	0	0	0	7	100	0	0	0	0	7	100												

MODE OF PARTICIPATION ³	ELA-Reading						Mathematics																	
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Participation without accommodations	70	92	70	92	11613	81	70	92	70	92	11626	81												
Identified disability (PET/IEP)	1	1	1	1	373	3	1	1	1	1	373	3												
LEP	0	0	0	0	187	2	0	0	0	0	187	2												
504 plan	1	1	1	1	149	1	1	1	1	1	150	1												
Participation with accommodations	5	7	5	7	2451	17	5	7	5	7	2446	17												
Identified disability (PET/IEP)	5	100	5	100	1909	78	5	100	5	100	1910	78												
LEP	0	0	0	0	142	6	0	0	0	0	152	6												
504 plan	0	0	0	0	85	3	0	0	0	0	84	3												
Other	0	0	0	0	350	14	0	0	0	0	335	14												
Participation through alternate assessment (PAAP)	0	0	1	1	197	1	0	0	1	1	196	1												
Identified disability (PET/IEP)	0	0	1	100	197	100	0	0	1	100	196	100												
LEP	0	0	0	0	5	3	0	0	0	0	5	3												
504 plan	0	0	0	0	0	0	0	0	0	0	0	0												
Approved non-participation in reading – 1st year LEP	0	0	0	0	5	0																		
Approved non-participation – special consideration	0	0	0	0	24	0	0	0	0	0	24	0												
Non-participation – other	1	1	0	0	75	1	1	1	0	0	73	1												

1 Percents are the percentage of students enrolled in each participation category.

2 Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

3 Percents are the percentage of students in each content area by mode.

ELA–READING RESULTS

Test Date: March 2008
Grade: 6
SAU: Ellsworth School Department
School: Ellsworth Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (scaled score 661–680)	2005-2006	8	9	8	10	1176	8
	2006-2007	9	9	9	9	1132	8
	2007-2008	12	16	12	16	1817	13
	Cum. Total*	29	11	29	11	4125	10
Meets the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (scaled score 641–660)	2005-2006	39	46	38	46	7612	51
	2006-2007	58	58	56	57	8127	57
	2007-2008	45	60	45	60	8072	57
	Cum. Total*	142	55	139	54	23811	55
Partially Meets the Standards – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (scaled score 629–640)	2005-2006	22	26	21	26	4080	27
	2006-2007	24	24	24	24	3549	25
	2007-2008	14	19	14	19	3194	23
	Cum. Total*	60	23	59	23	10823	25
Does Not Meet the Standards – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (scaled score 600–628)	2005-2006	16	19	15	18	2005	13
	2006-2007	9	9	10	10	1478	10
	2007-2008	4	5	4	5	981	7
	Cum. Total*	29	11	29	11	4464	10

Learning Results Content Standard Cluster	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Total Reading Cluster	56	100	34.4	61.4	34.4	61.4	32.7	58.4
Literary Text	28	50	16.9	60.4	16.9	60.4	16.3	58.2
Informational Text	28	50	17.5	62.5	17.5	62.5	16.5	58.9

The Maine *Learning Results* reading cluster includes Content Standards A (Process of Reading), B (Literature and Culture), and D (Informational Texts). The MEA assesses students’ reading skills based on questions related to two types of reading passages: literary and informational. Passages include both long and short texts, selected from developmentally appropriate works. Items on the MEA measure Grade Level Expectations, based on Maine’s 1997 *Learning Results*, which can be found at <http://www.maine.gov/education/lsalt/gles.htm>.

ELA-READING RESULTS

(CONTINUED)

Test Date: March 2008
 Grade: 6
 SAU: Ellsworth School Department
 School: Ellsworth Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	75	12	16	45	60	14	19	4	5	650	75	16	60	19	5	650	14064	13	57	23	7	648
Ethnicity																						
African American/Black	0										0						399	7	47	28	17	642
American Indian or Native Alaskan	0										0						108	4	54	32	10	643
Asian or Pacific Islander	2										2						247	16	60	20	4	650
Hispanic	1										1						145	8	45	34	14	643
Caucasian/White	72	11	15	44	61	14	19	3	4	650	72	15	61	19	4	650	13165	13	58	22	7	648
Not Reported	0										0						0					
Identified disability																						
Yes	6	0	0	1	17	4	67	1	17	635	6	0	17	67	17	635	2282	2	29	42	27	636
No	69	12	17	44	64	10	14	3	4	651	69	17	64	14	4	651	11782	15	63	19	3	650
Current LEP																						
Yes	0										0						329	4	44	30	22	640
No	75	12	16	45	60	14	19	4	5	650	75	16	60	19	5	650	13735	13	58	23	7	648
Economically disadvantaged																						
Yes	30	4	13	14	47	8	27	4	13	646	30	13	47	27	13	646	5153	6	51	31	12	643
No	45	8	18	31	69	6	13	0	0	653	45	18	69	13	0	653	8911	17	61	18	4	650
Migrant																						
Yes	0										0						7	14	57	14	14	648
No	75	12	16	45	60	14	19	4	5	650	75	16	60	19	5	650	14057	13	57	23	7	648
Gender																						
Female	35	7	20	23	66	5	14	0	0	652	35	20	66	14	0	652	6967	16	59	20	5	650
Male	40	5	13	22	55	9	23	4	10	648	40	13	55	23	10	648	7097	9	56	26	9	646
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	11	0	0	7	64	4	36	0	0	643	11	0	64	36	0	643	1186	6	41	42	11	642
No	64	12	19	38	59	10	16	4	6	651	64	19	59	16	6	651	12878	14	59	21	7	648
Gifted/talented program																						
Yes	2										2						557	50	48	2	0	661
No	73	11	15	44	60	14	19	4	5	650	73	15	60	19	5	650	13507	11	58	24	7	647

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

ELA–READING RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2008
Grade: 6
SAU: Ellsworth School Department
School: Ellsworth Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
		%	N	%	N	%	N	%	N			%	%	%	%			%	%	%	%	
How much homework do you do on school nights? A. none B. less than one hour C. one to two hours D. more than two hours	3 51 43 4	0 6 6 0	0 16 19 0	0 24 19 2	0 63 59 67	2 8 4 0	100 21 13 0	0 0 3 1	0 0 9 33	638 651 651 641	3 51 43 4	0 16 19 0	0 63 59 67	100 21 13 0	0 0 9 33	638 651 651 641	6 56 34 3	7 13 15 9	43 58 60 46	30 23 20 29	20 6 5 16	641 648 649 643
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading? A. The questions on the test match what I have learned in reading class. B. They match some of what I have learned. C. They match just a little of what I have learned. D. There is no match.	44 43 12 1	6 4 2 0	18 13 22 0	23 20 2 0	70 63 22 0	2 6 5 1	6 19 56 100	2 2 0 0	6 6 0 0	654 649 644 640	44 43 12 1	18 13 22 0	70 63 22 0	6 19 56 100	6 6 0 0	654 649 644 640	40 48 9 3	17 12 7 3	60 59 45 31	19 23 34 37	5 6 15 29	650 648 643 637
Which of the following best describes how you rate yourself as a student in reading? A. very good B. good C. fair D. poor	36 49 13 1	10 2 0 0	37 5 0 0	17 21 7 0	63 57 70 0	0 12 1 1	0 32 10 100	0 2 2 0	0 5 20 0	659 645 644 636	36 49 13 1	37 5 0 0	63 57 70 0	0 32 10 100	0 5 20 0	659 645 644 636	28 54 16 2	26 9 3 1	58 61 48 37	11 24 37 39	4 6 13 23	653 647 642 637
How difficult was the reading part of this test? A. harder than my regular schoolwork B. about the same as my regular schoolwork C. easier than my regular schoolwork	25 59 16	1 10 1	5 23 8	10 26 9	53 59 75	7 7 0	37 16 0	1 1 2	5 2 17	646 653 647	25 59 16	5 23 8	53 59 75	37 16 0	5 2 17	646 653 647	15 66 18	10 13 15	48 59 58	27 22 20	15 5 7	644 649 649
How difficult were the reading passages on this test? A. Most of the passages were more difficult than what I normally read. B. Most of the passages were about the same as what I normally read. C. Most of the passages were easier than what I normally read.	14 52 34	1 3 8	10 8 32	2 27 15	20 71 60	5 7 1	50 18 4	2 1 1	20 3 4	638 650 656	14 52 34	10 8 32	20 71 60	50 18 4	20 3 4	638 650 656	9 54 36	2 9 21	37 59 60	37 26 15	23 6 4	638 647 652
How hard did you try on the reading part of this test? A. I tried harder on this test than I do on my regular schoolwork. B. I tried about the same as I do on my regular schoolwork. C. I did not try as hard on this test as I do on my regular schoolwork.	71 29 0	9 3 0	17 14 0	35 10 0	67 48 0	6 7 0	12 33 0	2 1 0	4 5 0	651 649 0	71 29 0	17 14 0	67 48 0	12 33 0	4 5 0	651 649 0	46 50 3	13 14 5	56 60 46	24 21 30	7 6 20	648 649 641
How much time do you spend reading at home each day? A. more than one hour B. 20 minutes to an hour C. less than 20 minutes D. I rarely read at home.	24 57 4 15	7 4 0 1	39 10 0 9	10 29 0 5	56 69 0 45	0 8 2 4	0 19 67 36	1 1 1 1	6 2 33 9	657 650 633 645	24 57 4 15	39 10 0 9	56 69 0 45	0 19 67 36	6 2 33 9	657 650 633 645	19 51 12 18	19 15 9 4	58 60 56 50	17 20 26 34	6 5 9 13	651 649 646 643
Optional school/SAU question A. B. C. D.	0 0 0 0										0 0 0 0											

MATHEMATICS RESULTS

Test Date: March 2008
Grade: 6
SAU: Ellsworth School Department
School: Ellsworth Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (scaled score 661–680)	2005-2006	8	9	8	10	1463	10
	2006-2007	22	22	22	22	2092	15
	2007-2008	18	24	18	24	1474	10
	Cum. Total*	48	18	48	19	5029	12
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (scaled score 641–660)	2005-2006	36	42	35	43	5914	40
	2006-2007	42	42	41	41	5731	40
	2007-2008	36	48	36	48	6008	43
	Cum. Total*	114	44	112	44	17653	41
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (scaled score 627–640)	2005-2006	19	22	18	22	4494	30
	2006-2007	25	25	23	23	4175	29
	2007-2008	17	23	17	23	4244	30
	Cum. Total*	61	23	58	23	12913	30
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (scaled score 600–626)	2005-2006	22	26	21	26	3014	20
	2006-2007	11	11	13	13	2308	16
	2007-2008	4	5	4	5	2346	17
	Cum. Total*	37	14	38	15	7668	18

Learning Results Content Standard Clusters	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Cluster 1: Numbers and Operations	19	34	11.5	60.5	11.5	60.5	9.6	50.5
Cluster 2: Shape and Size	15	27	9.7	64.7	9.7	64.7	8.1	54.0
Cluster 3: Mathematical Decision Making	7	13	5.2	74.3	5.2	74.3	4.2	60.0
Cluster 4: Patterns	15	27	8.5	56.7	8.5	56.7	7.5	50.0

- Cluster 1: Numbers and Operations**
A. Numbers and Number Sense
B. Computation
I. Discrete Mathematics (grades 3 and 4 only)
- Cluster 2: Shape and Size**
E. Geometry
F. Measurement
- Cluster 3: Mathematical Decision Making**
C. Data Analysis and Statistics
D. Probability
- Cluster 4: Patterns**
G. Patterns, Relations, and Functions
H. Algebra Concepts
K. Mathematical Communication

Each content standard in the clusters above is defined in Maine’s 1997 *Learning Results*, which are the basis for Grade Level Expectations. Each item on the MEA measures a grade level expectation, which can be found at <http://www.maine.gov/education/lsalt/gles.htm>.

MATHEMATICS RESULTS

(CONTINUED)

Test Date: March 2008
 Grade: 6
 SAU: Ellsworth School Department
 School: Ellsworth Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	75	18	24	36	48	17	23	4	5	650	75	24	48	23	5	650	14072	10	43	30	17	642
Ethnicity																						
African American/Black	0										0						409	4	26	35	35	632
American Indian or Native Alaskan	0										0						108	6	26	39	29	635
Asian or Pacific Islander	2										2						247	13	50	25	13	646
Hispanic	1										1						145	9	32	34	25	638
Caucasian/White	72	17	24	36	50	15	21	4	6	650	72	24	50	21	6	650	13163	11	43	30	16	643
Not Reported	0										0						0					
Identified disability																						
Yes	6	0	0	1	17	4	67	1	17	635	6	0	17	67	17	635	2283	2	18	31	49	627
No	69	18	26	35	51	13	19	3	4	652	69	26	51	19	4	652	11789	12	48	30	10	645
Current LEP																						
Yes	0										0						339	5	22	32	41	631
No	75	18	24	36	48	17	23	4	5	650	75	24	48	23	5	650	13733	11	43	30	16	643
Economically disadvantaged																						
Yes	30	4	13	15	50	8	27	3	10	646	30	13	50	27	10	646	5160	4	34	36	26	636
No	45	14	31	21	47	9	20	1	2	653	45	31	47	20	2	653	8912	14	48	27	11	646
Migrant																						
Yes	0										0						7	0	57	43	0	641
No	75	18	24	36	48	17	23	4	5	650	75	24	48	23	5	650	14065	10	43	30	17	642
Gender																						
Female	35	8	23	18	51	6	17	3	9	650	35	23	51	17	9	650	6974	10	43	31	16	642
Male	40	10	25	18	45	11	28	1	3	651	40	25	45	28	3	651	7098	11	42	30	17	642
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	11	0	0	5	45	6	55	0	0	640	11	0	45	55	0	640	1192	4	23	43	30	634
No	64	18	28	31	48	11	17	4	6	652	64	28	48	17	6	652	12880	11	44	29	15	643
Gifted/talented program																						
Yes	2										2						557	53	42	4	0	663
No	73	16	22	36	49	17	23	4	5	650	73	22	49	23	5	650	13515	9	43	31	17	641

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

MATHEMATICS RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2008
Grade: 6
SAU: Ellsworth School Department
School: Ellsworth Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	3	0	0	1	50	1	50	0	0	642	3	0	50	50	0	642	6	6	33	31	31	635
B. less than one hour	51	8	21	20	53	7	18	3	8	649	51	21	53	18	8	649	56	11	43	30	16	643
C. one to two hours	43	10	31	14	44	7	22	1	3	652	43	31	44	22	3	652	34	11	45	30	14	644
D. more than two hours	4	0	0	1	33	2	67	0	0	645	4	0	33	67	0	645	3	6	33	32	28	636
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?																						
A. The questions on the test match what I have learned in mathematics class.	52	16	41	15	38	6	15	2	5	655	52	41	38	15	5	655	45	14	47	28	11	646
B. They match some of what I have learned.	40	2	7	17	57	9	30	2	7	645	40	7	57	30	7	645	43	8	43	33	17	641
C. They match just a little of what I have learned.	7	0	0	3	60	2	40	0	0	645	7	0	60	40	0	645	9	6	30	33	32	635
D. There is no match.	1	0	0	1	100	0	0	0	0	644	1	0	100	0	0	644	3	5	15	25	54	626
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	32	9	38	12	50	3	13	0	0	657	32	38	50	13	0	657	29	24	51	17	8	651
B. good	45	7	21	15	44	10	29	2	6	648	45	21	44	29	6	648	48	6	45	33	16	641
C. fair	19	2	14	8	57	2	14	2	14	646	19	14	57	14	14	646	19	1	29	42	28	634
D. poor	4	0	0	1	33	2	67	0	0	647	4	0	33	67	0	647	3	0	15	41	44	627
How difficult was the mathematics part of this test?																						
A. harder than my regular schoolwork	30	3	14	10	45	8	36	1	5	647	30	14	45	36	5	647	24	5	38	33	24	638
B. about the same as my regular schoolwork	57	12	29	22	52	5	12	3	7	651	57	29	52	12	7	651	62	9	45	31	14	643
C. easier than my regular schoolwork	14	3	30	4	40	3	30	0	0	654	14	30	40	30	0	654	14	26	43	20	12	650
How hard did you try on the mathematics part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	65	13	27	21	44	11	23	3	6	650	65	27	44	23	6	650	48	10	41	32	17	642
B. I tried about the same as I do on my regular schoolwork.	30	4	18	13	59	4	18	1	5	650	30	18	59	18	5	650	49	12	45	28	15	644
C. I did not try as hard on this test as I do on my regular schoolwork.	5	1	25	1	25	2	50	0	0	650	5	25	25	50	0	650	3	9	33	27	32	637
How often do you use hands-on materials in mathematics class?																						
A. almost every day	8	1	17	4	67	0	0	1	17	650	8	17	67	0	17	650	17	8	39	30	22	639
B. two or three days a week	13	1	10	7	70	2	20	0	0	650	13	10	70	20	0	650	34	11	44	31	14	643
C. two or three times each month	37	6	21	9	32	10	36	3	11	646	37	21	32	36	11	646	31	12	44	29	15	644
D. never or almost never	41	10	32	16	52	5	16	0	0	654	41	32	52	16	0	654	18	10	42	31	18	642
How often do you use calculators in mathematics class?																						
A. almost every day	4	0	0	2	67	1	33	0	0	644	4	0	67	33	0	644	11	11	37	29	23	641
B. two or three days a week	24	1	6	9	50	7	39	1	6	644	24	6	50	39	6	644	32	11	44	30	15	643
C. two or three times each month	37	3	11	16	57	7	25	2	7	645	37	11	57	25	7	645	32	11	45	30	15	643
D. never or almost never	35	14	54	9	35	2	8	1	4	661	35	54	35	8	4	661	26	9	40	32	19	641
On average, how many minutes a day do you spend working on mathematics in class?																						
A. less than 30 minutes	3	0	0	1	50	1	50	0	0	639	3	0	50	50	0	639	7	6	29	33	32	635
B. 30–45 minutes	61	10	22	25	54	10	22	1	2	651	61	22	54	22	2	651	37	8	39	34	20	640
C. 45–60 minutes	28	6	29	6	29	6	29	3	14	649	28	29	29	29	14	649	42	13	47	28	12	645
D. more than 60 minutes	8	2	33	4	67	0	0	0	0	656	8	33	67	0	0	656	15	12	46	27	15	644
Optional school/SAU question																						
A.	0										0											
B.	0										0											
C.	0										0											
D.	0										0											